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DECLASS REVIEW BY NIMA / DoD

BEN THUY PORT FACILITIES NORTH VIETNAM

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RAILROAD

RAILROAD UNDER CONSTRUCTION

STORAGE AREA F

STORAGE AREA D

COAL YARD DRYER 1

STORAGE AREA C

STORAGE AREA B

STORAGE AREA A

STORAGE AREA E

STORAGE AREA G

STORAGE AREA H

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Next 3 Page(s) In Document Exempt

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IB - 16/65
26 January 1965
Copy # 1

25X1A

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

ATTENTION : [REDACTED]

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, Photographic Intelligence Division, CIA

SUBJECT : Ben Thuy Port Facilities, North Vietnam

REFERENCES : (1) ORR Requirement No. C-RR4-82,142
(2) CIA/PID Project No. 30075-5

1. This memorandum is in response to the above requirement requesting a comparative analysis of the Ben Thuy, North Vietnam Port Facilities. CIA/PID Project Number IB - 122/64 and the most recent photography available were specified for comparison. The referenced 1964 IB Memorandum reported shipping, primary wharfs and main storage facilities.

2. Port facilities covered by this memorandum are; Ben Thuy, the petroleum storage area and wharf two nautical miles downstream from Ben Thuy, two abandoned "T" head piers two and a half nautical miles downstream from the petroleum wharf, and two navy bases further downstream. A photograph of each facility is enclosed. All memorandum references are to these photographs. All dimensions are in feet.

3. The Ben Thuy port facilities (CIA/PID/IB-P-39/65) were summarily separated into ten areas for ease of reporting. Two of these areas, the sawmill and the power plant, are industries and no further analysis is provided. The large industrial and probable storage areas in downtown Ben Thuy will not be interpreted since they do not appear related to the port.

Port facilities are presently served by an all weather highway. This road connects the port with the town of Vinh. A railroad is under construction which will directly serve Wharf and Storage Area E as well as Storage Area C, and Coal Yard Number One. This railroad is a spur of the north-south line running thru Vinh.

Storage Area "A" was not noted on the previous report. This area contains four new warehouses plus three that were present in [REDACTED]. No new construction was evident. Approximate dimensions of Area "A's" structures are listed below.

25X1D

GROUP 1
Excluded from automatic
downgrading and
declassification

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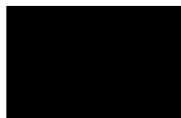
New Structures

Previous Structures

25X1D



25X1D

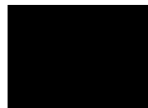
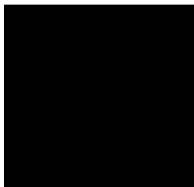


Storage Area "B" is new since the previous report. This area contains six completed warehouses and two under construction. Approximate dimensions of Area "B's" structures are listed below.

Completed New Structures

Structures Under Construction

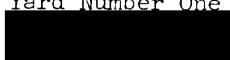
25X1D



Complete except
for roof.
Footings poured

25X1D

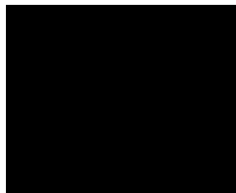
Coal Yard Number One is new since the previous report. It measures 25X1D approximately



Both Storage Area B and Coal Yard Number One occupy an area previously utilized for storage. The approximate dimensions of warehouses razed to make room for the new storage areas are listed below.

Razed Structures

25X1D



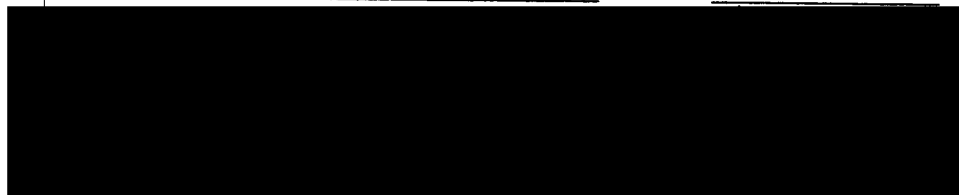
Storage Area "C" was not noted on the previous report. This area contains six new warehouses plus six that were present in [redacted]. No new construction was evident. Six warehouses present in [redacted] have been razed. Approximate dimensions of the structures are listed below.

New Structures

Previous Structures

Razed Structures

25X1D



Coal Yard Number Two was not noted on the previous report. It has been expanded to twice its former size and now measures approximately [REDACTED] 25X1D Four warehouses were razed to make room for the expansion. Approximate dimensions of the structures are listed below.

Razed Structures

25X1D [REDACTED]

Storage Area "D" was not noted on the previous report. This area contains 25X1D one new warehouse, one warehouse under construction, and twelve structures present 25X1D in [REDACTED] Two of the [REDACTED] buildings are administration buildings. Approximate dimensions of the storage structures are listed below.

	<u>New Structure</u>	<u>Previous Structures</u>	<u>Structure Under Construction</u>	
25X1D	[REDACTED]	25X1D [REDACTED]	[REDACTED]	25X1D

Wharf and Storage Area E was noted on the previous report. No change has occurred in this area. The coal yard in the southwest corner of the area measures 25X1D approximately [REDACTED]

Storage Area "F" was not noted on the previous report. This area contains 25X1D three new warehouses, twenty-two warehouses present in [REDACTED] two administration buildings and one warehouse that has been moved a short distance. Two warehouses have been razed. No new construction was noted. Approximate dimensions of the storage structures are listed below.

	<u>New Warehouses</u>	<u>Previous Structures</u>	<u>Warehouse Moved</u>	<u>Razed Warehouses</u>	
25X1D	[REDACTED]	25X1D [REDACTED]	[REDACTED] 25X1D	[REDACTED]	25X1D

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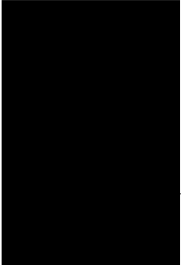

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Area "G" was not noted on the previous report. No road connects this area with the Ben Thuy Port Facilities. On original report photography Area "G" contained a small boatyard and a limited administration/barracks area. Since then ten buildings have been added. Three of these are administration/barracks buildings, probably supporting the AAA Site on the hill above Ben Thuy. Seven of the new buildings are in the boatyard and appear to cover previous open work areas; building ways, assembly areas, or wood working areas.

4. The petroleum storage area and wharf, and the associated storage area CIA/PID/IB-P-40/65 were separated for ease of reporting. An improved road serves both facilities and connects them with Vinh to the north.

The petroleum storage tanks were almost completely destroyed in the August raid against North Vietnam. The wharf at this time appears serviceable. Three large storage tanks are new since the original report. Also now in the area 25X1D is a [redacted] storage building. Other facilities remain the same.

The associated storage area was not noted on the previous report. It is mentioned here since it appears that the wharf could also serve this facility. 25X1D This area contains four new warehouses and then that were present in [redacted] Two warehouses are under construction. The larger of these is in the same condition that it was in [redacted] Construction scars are present in the bend of the road in 25X1D the southwest corner of the area, but no pattern can be ascertained. Approximate dimensions of the warehouses are listed below.

	<u>New Structures</u>	<u>Previous Structures</u>	<u>Structures Under Construction</u>	
25X1D		25X1D 	 25X1D	Footings poured Same state as [redacted] Foundation and footings in, support uprights in place

25X1D 5. The two "T" head piers present in [redacted] have now been abandoned (CIA/PID/IB-P-41/65). While the basic pier structures remain, the "T" heads have disappeared. The road to the piers appears in disuse, as does the remainder of the general area.

6. The Phuc Loi Navy Base (CIA/PID/IB-P-42/65) was separated into three areas for ease of reporting. This base was not noted in the previous report. It will be interpreted in general terms in this report, for although it is far downstream from Ben Thuy, it has been improved tremendously.

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25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D-

25X1D

25X1A

Area "A" contains three piers new since [redacted] coverage. The downstream [redacted] into the river. [redacted] and extends [redacted] from [redacted]. The upstream pier measures approximately [redacted] and extends [redacted] into the river. The small pier at the foot of the marine railway extends approximately [redacted] into the river. The new repair yard in area "A" measures approximately [redacted] from the nearest rail in the launching facility to the end of the repair way. The new marine railway in area "A" is approximately [redacted]. It is served by two probable small bridge cranes. Area "A" contains thirteen new buildings. Five buildings present in [redacted] have been razed. A new road has been built to the upstream pier and the repair yard. The road to the downstream pier has been improved.

Area "B" was present in [redacted] but has been extensively modified. Two barracks under construction in [redacted] are now complete. Two new ammunition storage bunkers are present in the southern portion of the area. Six barracks type buildings present in [redacted] have been razed and this area is now used for storage. Several new small storage buildings exist in the former barracks area, but the majority of the storage is open. Three medium storage buildings present in [redacted] are still present.

Area "C" is new since [redacted]. Two new roads have been built into the area. Of the twelve structures contained in area "C", seven are administration/barracks type, three are medium storage buildings, and two are small storage buildings.

7. The Loc Chau Navy Base (CIA/PID/IB-P-43/65) was not noted in the previous report. Although it is far downstream from Ben Thuy it will be interpreted generally, for it has been greatly improved.

The pier under construction at Loc Chau is new since the [redacted] coverage. It is approximately [redacted] and extends 240 feet from the shore. A floating crane is being used for pier construction. Loc Chau is served by an improved, secondary road. Storage in the immediate pier area consists of two large storage buildings, twenty-two small storage buildings, and an open storage area. The large storage area away from the pier contains one administration building, two large storage structures, ten small storage buildings, and a large open storage area.

8. Interpretation for this project was based on photo [redacted]

9. All measurements have been made by the CIA/PID project analyst. They should not be construed as being mensuration data compiled by the NPIC Technical Intelligence Division.

10. The photo analyst assigned to this project was [redacted] who may be contacted on extension 2546 should any further information concerning this

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memorandum be desired. This requirement is considered complete.

25X1A

Enclosures:

- 1 Annotated Map
CIA/PID/IB-P-38/65
- 5 Annotated Enlargements
CIA/PID/IB-P-39/65 thru P-43/65



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